#### INTERNATIONAL SEARCH REPORT

International application No. PCT/KR2005/000965

## A. CLASSIFICATION OF SUBJECT MATTER

# IPC7 H04N 7/12

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.7 H04N 7/015, 7/12, H04L 1/00, H03M 13/03

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975

Korean Utility models and applications Utility models for since 1975

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used) eKIPASS

#### C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No.  1, 2, 4, 5 1-6 |  |
|-----------|---|---------------------------------------|--|
| X<br>Y    | US20020194570A1 (Koninklijke Philips Electronics N.V.) 19.12.2002 - abstract, [0010]-0019], [0053]-[0069], Claims 1-25, Figure 3, 4 |                                       |  |
| Y         | WO2002100026A1 (Koninklijke Philips Electronics N.V.) 12.12.2002 -See the whole document  |                                       |  |
| Y         | WO2003003747A1 (Koninklijke Philips Electronics N.V.) 09.01.2003 -See the whole document  | 1-6                                   |  |
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|           |   |                                       |  |
| •         |   |                                       |  |
|           |   |                                       |  |

|  | Further | documents a | re listed | in the | continuati | on of | Box C. |
|--|---------|-------------|-----------|--------|------------|-------|--------|
|--|---------|-------------|-----------|--------|------------|-------|--------|

See patent family annex.

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- "&" document member of the same patent family

Date of the actual completion of the international search

22 JULY 2005 (22.07.2005)

Date of mailing of the international search report

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Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

KWON, KI WON

Telephone No. 82-42-481-8123



# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2005/000965

| Patent document cited in search report | Publication date | Patent family<br>member(s) | Publication date |
|--|------------------|----------------------------|------------------|
| US20020194570A1                        | 19.12.2002       | CA2404404AA                | 24.03.2003       |
|  |                  | CA2404404A1                | 24.03.2003       |
|  |                  | KR1020030026236            | 31.03.2003       |
|  | •                | US2002194570AA             | 19.12.2002       |
| W02002100026A1                         | 12.12.2002       | CA2449820AA                | 12.12.2002       |
|  |                  | CA2449820A1                | 12.12.2002       |
|  |                  | CN1543722A                 | 03.11.2004       |
|  |                  | KR1020030024827            | 26.03.2003       |
|  |                  | TW591946B                  | 11.06.2004       |
|  |                  | US20020191712A1            | 19.12.2002       |
|  |                  | US2002191712A1             | 19.12.2002       |
| •                                      |                  | US2002191712AA             | 19.12.2002       |
|  |                  | US2002194570AA             | 19.12.2002       |
|  |                  | W002100026A1               | 12.12.2002       |
| W02003003747A1                         | 09.01.2003       | CN 1582580A                | 16.02.2005       |
|  |                  | EP01405522A1               | 07.04.2004       |
|  | •                | EP1405522A1                | 07.04.2004       |
| •                                      |                  | JP16533 <b>7</b> 97        | 04.11.2004       |
| ;                                      |                  | JP2004533797T2             | 04.11.2004       |
|  |                  | KR1020040014977            | 18.02.2004       |
|  |                  | US20030099303A1            | 29.05.2003       |
|  |                  | US2003099303AA             | 29.05.2003       |
|  |                  | W003003747A1               | 09.01.2003       |